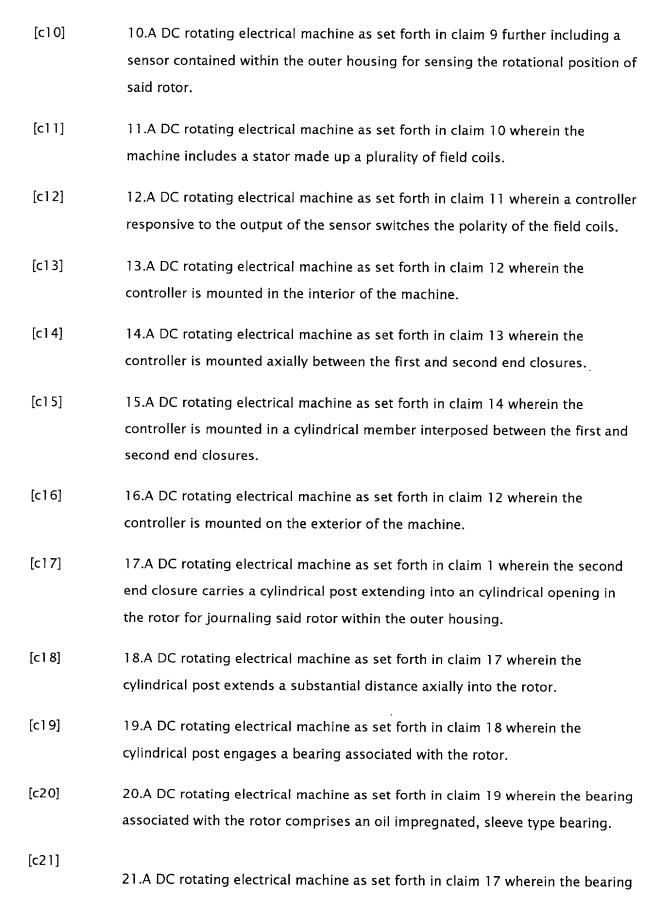
Claims

closure.

[c1]	1.A DC rotating electrical machine comprised of an outer housing forming a
	stator of said DC rotating electrical machine, said outer housing being
	comprised of a generally cylindrical center section and affixed first and second
	end closures, a rotor journalled within said outer housing and extending
	through said first end closures for driving connection to a related rotating
	machine, said first end closure forming a cavity in which a substantial portion of
	said related rotating machine is contained.
[c2]	2.A DC rotating electrical machine as set forth in claim 1 wherein a third end closure is affixed in closing relation to the cavity of the first end closure for
	containing the related rotating machine within the cavity of said first end

- [c3] 3.A DC rotating electrical machine as set forth in claim 1 wherein the first and second end closures are axially spaced from each other and the second end closure is integrally formed with an axially extending cylindrical center section.
- [c4] 4.A DC rotating electrical machine as set forth in claim 3 wherein the first end closure is in abutting relation to the axially extending cylindrical center section.
- [c5] 5.A DC rotating electrical machine as set forth in claim 3 wherein the first end closure is axially spaced from the axially extending cylindrical center section.
- [c6] 6.A DC rotating electrical machine as set forth in claim 5 wherein the machine includes a stator made up a plurality of field coils.
- [c7] 7.A DC rotating electrical machine as set forth in claim 6 wherein the plurality of field coils are wound around a laminated core.
- [c8] 8.A DC rotating electrical machine as set forth in claim 7 wherein a portion of the laminated core is exposed between the first and second end closures.
- [c9] 9.A DC rotating electrical machine as set forth in claim 1 wherein the DC rotating electrical machine is brushless.



[c31]

[c22] 22.A DC rotating electrical machine as set forth in claim 17 wherein the cylindrical post is detachably connected to the second end closure. [c23] 23.A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing. [c24] 24.A DC rotating electrical machine as set forth in claim 22 wherein the bearing associated with the rotor comprises an anti friction bearing. [c25] 25.A DC rotating electrical machine as set forth in claim 21 wherein the cylindrical post is integrally formed with the second end closure. [c26] 26.A DC rotating electrical machine as set forth in claim 1 in combination with a hydraulic powered steering booster and the DC rotating electrical machine comprises a motor and the associated machine is a hydraulic pump. [c27] 27.A DC rotating electrical machine comprised of an outer housing forming a stator of said DC rotating electrical machine, said outer housing being comprised of a generally cylindrical center section closed at opposite ends by first and second end closures, a rotor within said outer housing and extending through said first end closures for driving connection to a related rotating machine, said second end closure carrying a cylindrical post extending into an cylindrical opening in said rotor for journalling said rotor within said outer housing. [c28] 28.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post extends a substantial distance axially into the rotor. [c29] 29.A DC rotating electrical machine as set forth in claim 28 wherein the cylindrical post engages a bearing associated with the rotor. [c30] 30.A DC rotating electrical machine as set forth in claim 29 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

31.A DC rotating electrical machine as set forth in claim 29 wherein the bearing

associated with the rotor comprises an anti friction bearing.

[c32] 32.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post is detachably connected to the second end closure.

associated with the rotor comprises an anti friction bearing.

[c33] 33.A DC rotating electrical machine as set forth in claim 32 wherein the bearing associated with the rotor comprises an oil impregnated, sleeve type bearing.

[c34] 34.A DC rotating electrical machine as set forth in claim 32 wherein the bearing associated with the rotor comprises an anti friction bearing.

[c35] 35.A DC rotating electrical machine as set forth in claim 27 wherein the cylindrical post is integrally formed with the second end closure.